

Carson Beach, South Boston: Bacterial Water Quality 2018

Bacteria monitoring is conducted by the Massachusetts Dept. of Conservation and Recreation (DCR) during the swimming season. Bacteria samples are collected at several locations along the beach, and the test results are available 24 hours later. High bacteria triggers a swimming advisory and repeated sampling until bacteria meet limits.

Displayed are *Enterococcus* bacteria counts, with high counts in red. The maximum daily limit is **104** counts/100 mL.

A swimming advisory is declared by the DCR for the following day if:

- counts exceed 104 counts/100 mL limit at EITHER the McCormack Bathhouse or I St locations;
- OR if the 5-day running geometric mean exceeds 35 counts/100 mL (geometric mean of the previous 5 days' samples).

Daily rainfall totals from Logan Airport, National Weather Service raingauge

All results are in counts/100 mL and testing is performed by DCR.

Weekly sampling by DCR began May 31, 2018. Sampling ended on August 30, 2018.

	Daily Rain (in.)	McCormack Bathhouse	I Street
May 31, 2018	0	<2	<2
June 7, 2018	0	<2	2
June 14, 2018	0	<2	8
June 21, 2018	0	6	2
June 28, 2018	1.16	2	12
July 5, 2018	0	2	<2
July 12, 2018	0	2	118
July 19, 2018	0	2	2
July 26, 2018	0.6	6	<2
August 2, 2018	Trace	2	<2
August 9, 2018	0.06	7	331
August 10, 2018	0	12	37
August 16, 2018	0	8	12
August 23, 2018	Trace	2	2
August 30, 2018	0	2	4